

L-Serine, N-acetyl-L-alanyl-L- $\alpha$ -aspartyl...

- , N-acetyl-L-alanyl-L- $\alpha$ -aspartyl-L-lysyl-L-prolyl-L- $\alpha$ -aspartyl-L-methionylglycyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-alanyl-L-seryl-L-phenylalanyl-L- $\alpha$ -aspartyl-L-lysyl-L-alanyl-L-lysyl-L-leucyl-L-lysyl-L-lysyl-L-threonyl-L- $\alpha$ -glutamyl-L-threonyl-L-glutamyl-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyl-L-threonyl-L-leucyl-L-prolyl-L-threonyl-L-lysyl-L- $\alpha$ -glutamyl-L-threonyl-L-isoleucyl-L- $\alpha$ -glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-lysyl-L-arginyl-L-seryl-L- $\alpha$ -glutamyl-L-isoleucyl-  
 See *Thymosin  $\beta_{10}$  (human)* [88160-82-1]  
 —, N-acetyl-L-seryl-L- $\alpha$ -aspartyl-L-lysyl-L-prolyl-L-asparaginyl-L-leucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-valyl-L-alanyl-L-seryl-L-phenylalanyl-L- $\alpha$ -aspartyl-L-lysyl-L-threonyl-L-lysyl-L-leucyl-L-leucyl-L-threonyl-L-glutamyl-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyl-L-prolyl-L-leucyl-L-prolyl-L-threonyl-L-lysyl-L- $\alpha$ -glutamyl-L-threonyl-L-isoleucyl-L- $\alpha$ -glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-lysyl-L-glutamyl-L-alanyl-  
 See *Thymosin  $\beta_{11}$  (Oncorhynchus mykiss spleen)* [92480-88-1]  
 —, N-acetyl-L-seryl-L- $\alpha$ -aspartyl-L-lysyl-L-prolyl-L- $\alpha$ -aspartyl-L-isoleucyl-L-seryl-L- $\alpha$ -glutamyl-L-valyl-L-threonyl-L-seryl-L-phenylalanyl-L- $\alpha$ -aspartyl-L-lysyl-L-threonyl-L-lysyl-L-leucyl-L-lysyl-L-lysyl-L-threonyl-L- $\alpha$ -glutamyl-L-threonyl-L-glutamyl-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyl-L-prolyl-L-leucyl-L-prolyl-L-threonyl-L-lysyl-L- $\alpha$ -glutamyl-L-threonyl-L-isoleucyl-L- $\alpha$ -glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-lysyl-L-alanyl-L-alanyl-L-threonyl-  
 See *Thymosin  $\beta_{12}$  (Lateolabrax japonicus liver)* [140207-69-8]  
 —, N-acetyl-L-seryl-L- $\alpha$ -aspartyl-L-lysyl-L-prolyl-L- $\alpha$ -aspartyl-L-methionyl-L-alanyl-L- $\alpha$ -glutamyl-L-isoleucyl-L- $\alpha$ -glutamyl-L-lysyl-L-phenylalanyl-L- $\alpha$ -aspartyl-L-lysyl-L-alanyl-L-lysyl-L-leucyl-L-lysyl-L-lysyl-L-threonyl-L- $\alpha$ -glutamyl-L-threonyl-L-glutamyl-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyl-L-prolyl-L-leucyl-L-prolyl-L-threonyl-L-seryl-L-lysyl-L- $\alpha$ -glutamyl-L-threonyl-L-isoleucyl-L- $\alpha$ -glutamyl-L-glutamyl-L-threonyl-L-lysyl-L-glutamyl-L- $\alpha$ -glutamyl-L-threonyl-L-lysyl-L-glutamyl-L-alanyl-L-  
 See *Thymosin  $\beta_4$  (Xenopus laevis oocyte)* [113595-86-1]  
 —, N-acetyl-L-seryl-L- $\alpha$ -aspartyl-L-lysyl-L-prolyl-L- $\alpha$ -aspartyl-L-methionyl-L-alanyl-L- $\alpha$ -glutamyl-L-isoleucyl-L- $\alpha$ -glutamyl-L-lysyl-L-phenylalanyl-L- $\alpha$ -aspartyl-L-lysyl-L-seryl-L-lysyl-L-leucyl-L-lysyl-L-lysyl-L-threonyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-glutamyl-L- $\alpha$ -glutamyl-L-lysyl-L-glutamyl-L-threonyl-L-lysyl-L-glutamyl-L-alanyl-L-  
 See *Thymosin  $\beta_4$  (horse)* [159002-64-9]  
 —, N-acetyl-L-seryl-L- $\alpha$ -aspartyl-L-lysyl-L-prolyl-L- $\alpha$ -aspartyl-L-methionyl-L-alanyl-L- $\alpha$ -glutamyl-L-isoleucyl-L- $\alpha$ -glutamyl-L-lysyl-L-phenylalanyl-L- $\alpha$ -aspartyl-L-lysyl-L-seryl-L-lysyl-L-leucyl-L-lysyl-L-lysyl-L-threonyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-glutamyl-L- $\alpha$ -glutamyl-L-lysyl-L-glutamyl-L-threonyl-L-lysyl-L-glutamyl-L-alanyl-L-  
 See *Thymosin  $\beta_4$  (cattle)* [77591-33-4]  
 —, L-alanyl-L-alanyl-L-seryl-L-glutamyl-L-histidyl-L-leucyl-L-cysteinylglycyl-L-seryl-L-histidyl-L-leucyl-L-valyl-L- $\alpha$ -glutamyl-L-alanyl-L-leucyl-L-phenylalanyl-L-leucyl-L-valyl-L-cysteinylglycyl-L- $\alpha$ -glutamyl-L-seryl-L-phenylalanyl-L-phenylalanyl-L-tyrosyl-L-asparaginyl-L-prolyl-L-asparaginyl-L-lysyl-  
 See *Insulin (Amia calba B reduced)* [135048-46-3]  
 cyclic (7-7), (10-20)-bis(disulfide) with glycyl-L-isoleucyl-L-valyl-L- $\alpha$ -glutamyl-L-glutamyl-L-cysteinyl-L-cysteinyl-L-leucyl-L-lysyl-L-prolyl-L-cysteinyl-L-threonyl-L-isoleucyl-L-tyrosyl-L- $\alpha$ -glutamyl-L-methionyl-L- $\alpha$ -glutamyl-L-lysyl-L-tyrosyl-L-cysteinyl-L-asparagine cyclic (6-11)-disulfide  
 see *Insulin (Amia calba)* [135059-22-2]  
 —, L-alanyl-L-leucyl-L-lysyl-L-seryl-L-threonyl-L-cysteinyl-L-cysteinyl-L-prolyl-L-cysteinyl-L-alanyl-L-methionyl-L-cysteinyl-L-lysyl-L-tyrosyl-L-threonyl-L-alanyl-L-phenylalanyl-L-prolyl-L-tyrosyl-L-glutamyl-L-cysteinyl-L-alanyl-L-histidyl-L-histidyl-L-cysteinyl-L-cysteinyl-  
 See *Neurotoxin (Parascyconus actinostoloides reduced)* [97211-71-7]  
 —, L-alanyl-L-leucyl-L-tryptophyl-L-lysyl-L-asparaginyl-L-methionyl-L-leucyl-L-lysyl-L-lysyl-L-isoleucyl-L-lysyl-L-leucyl-L-alanyl-L-alanyl-L-leucyl-L-lysyl-L-leucyl-L-valyl-L-lysyl-L-leucyl-L-leucyl-L- $\alpha$ -glutamyl-  
 See *Dermaseptin s 3 (Phyllomedusa sauvagei)* [151896-14-9]  
 —, N-[5-[(4-amino-4-carboxy-1-oxobutyl)amino]-2,3-dihydro-8,9-dihydroxy-1H-pyrimido[1,2-a]quinolin-1-yl]carbonyl-L-D-seryl-L-lysylglycyl-L-N<sup>6</sup>-formyl-N<sup>6</sup>-hydroxy-L-ornithyl-L- $\alpha$ -glutamyl-  
 cyclic (11-8)-peptide, (S)-(R<sup>+</sup>,R<sup>+</sup>)—  
 see *Povoverdin IIB (Pseudomonas fluorescens)* [141073-90-7]  
 —, N-[5-[(4-amino-1,4-dioxobutyl)amino]-2,3-dihydro-8,9-dihydroxy-1H-pyrimido[1,2-a]quinolin-1-yl]carbonyl-L-D-seryl-L-lysylglycyl-L-N<sup>6</sup>-formyl-N<sup>6</sup>-hydroxy-L-ornithyl-L- $\alpha$ -glutamyl-  
 cyclic (11-8)-peptide, (S)—  
 see *Povoverdin IIA (Pseudomonas fluorescens)* [141095-99-0]  
 —, N-[2-(1-amino-2-phenylethyl)-4,5-dihydro-4-thiazolyl]carbonyl-L-O-(1,1-dimethyl-2-propenyl)-L-threonyl-L-valyl-L-prolyl-L-valyl-L-prolyl-L-O-(1,1-dimethyl-2-propenyl)-  
 cyclic (6-1)-peptide, (R-(R<sup>+</sup>,S<sup>+</sup>))—  
 see *Patellin 5* [181758-81-6]  
 —, L-arginyl-L-erythro-2,3-diaminobutanoyl-L-2-piperidinecarbonyl-L-prolyl-(Z)-2,3-didehydro-2-aminobutanoyl-  
 See *Norlaundomycin* [131689-58-4]  
 —, L-asparaginyl-L- $\alpha$ -glutamyl-L-glutamyl-L-seryl-L-lysyl-L-seryl-L-glutamyl-L-valyl-L-isoleucyl-L-valylglycyl-L-prolyl-L-tryptophylglycyl-L-alanyl-L-glutamyl-L-valyl-  
 See *Jacalin ( $\beta_2$ -subunit)* [121307-57-1]  
 —, L-asparaginyl-L- $\alpha$ -glutamyl-L-glutamyl-L-seryl-L-lysyl-L-seryl-L-glutamyl-L-valyl-L-isoleucyl-L-valylglycyl-L-seryl-L-tryptophylglycyl-L-alanyl-L-lysyl-L-valyl-  
 See *Jacalin ( $\beta_1$ -subunit)* [121272-42-2]  
 —, L- $\alpha$ -aspartyl-L-arginyl-L-valyl-L-tyrosyl-L-isoleucyl-L-histidyl-L-prolyl-L-phenylalanyl-L-histidyl-L-leucyl-L-leucyl-L-valyl-L-tyrosyl-  
 See *Angiotensinogen (tetradecapeptide renin substrate), 5-L-isoleucine* [20845-02-7]  
 —, L- $\alpha$ -aspartyl-L-cysteinyl-L-threonyl-L-seryl-L-tryptophyl-L-phenylalanyl-L-arginyl-L-cysteinyl-L-threonyl-L-valyl-L-asparaginyl-L-seryl-L-carboxyl-L-glutamyl-L-cysteinyl-L-cysteinyl-L-seryl-L-asparaginyl-L-seryl-L-cysteinyl-L-seryl-L-aspartyl-L-glutamyl-L-tyrosyl-L-cysteinyl-L- $\alpha$ -glutamyl-L-tyrosyl-L-leucyl-L-tyrosyl-L-alanyl-L-phenylalanyl-L-(4R)-4-hydroxy-L-prolyl-L-seryl-L-lysyl-L-leucyl-L-seryl-L-glutamyl-L-lysyl-L-glutamyl-L-threonyl-L-valyl-L-isoleucyl-L-valylglycyl-L-prolyl-L-tryptophylglycyl-L-alanyl-L-lysyl-L-valyl-  
 See *Jacalin ( $\beta_3$ -subunit)* [121307-58-2]  
 —, L- $\alpha$ -aspartyl-L-seryl-L-tyrosyl-L-lysyl-L-methionyl-L-asparaginyl-L-histidyl-L-phenylalanyl-L-arginyl-L-tryptophyl-L-seryl-L-alanyl-L-prolyl-L-alanyl-  
 See  $\beta$ -Melanotropin I (Oncorhynchus keta) [72550-04-0]  
 —, L- $\alpha$ -aspartyl-L-seryl-L- $\alpha$ -aspartyl-L-valyl-L-seryl-L-leucyl-L-phenylalanyl-L-asparaginylglycyl-L- $\alpha$ -aspartyl-L-leucyl-L-leucyl-L-prolyl-L-asparaginylglycyl-L-arginyl-L-cysteinyl-L-cysteinyl-L-seryl-L-tryptophyl-L-lysyl-L-isoleucyl-L-lysyl-L-leucyl-L-cysteinyglycyl-L-arginyl-L- $\alpha$ -glutamyl-L-leucyl-L-valyl-L-arginyl-L-alanyl-L-glutamyl-L-isoleucyl-L-alanyl-L-isoleucyl-L-cysteinyglycyl-L-methionyl-L-seryl-L-threonyl-L-tryptophyl-  
 cyclic (11-11), (23-24)-bis(disulfide) with L-glutamyl-L-leucyl-L-tyrosyl-L-seryl-L-alanyl-L-leucyl-L-alanyl-L-asparaginyl-L-lysyl-L-cysteinyl-L-cysteinyl-L-histidyl-L-valylglycyl-L-cysteinyl-L-threonyl-L-lysyl-L-arginyl-L-seryl-L-leucyl-L-alanyl-L-arginyl-L-phenylalanyl-L-cysteine cyclic (10-15)-disulfide  
 see *Relaxin (Gorilla gorilla)* [157629-74-8]  
 —, L- $\alpha$ -aspartyl-L-seryl-L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-valyl-L-isoleucyl-L-lysyl-L-leucyl-L-cysteinyglycyl-L-arginyl-L- $\alpha$ -glutamyl-L-leucyl-L-valyl-L-arginyl-L-alanyl-L-glutamyl-L-isoleucyl-L-alanyl-L-isoleucyl-L-cysteinyglycyl-L-methionyl-L-seryl-L-threonyl-L-tryptophyl-  
 See *Relaxin II (human-B reduced)* [92482-21-8]  
 cyclic (11-11), (23-24)-bis(disulfide) with 5-oxo-L-prolyl-L-leucyl-L-tyrosyl-L-seryl-L-alanyl-L-leucyl-L-alanyl-L-asparaginyl-L-lysyl-L-cysteinyl-L-cysteinyl-L-histidyl-L-valylglycyl-L-cysteiny-L-threonyl-L-lysyl-L-arginyl-L-seryl-L-leucyl-L-alanyl-L-arginyl-L-phenylalanyl-L-cysteine cyclic (10-15)-disulfide  
 see *Relaxin II (human)* [99489-94-8]  
 —, N-[5-(4-carboxy-1,4-dioxobutyl)amino]-2,3-dihydro-8,9-dihydroxy-1H-pyrimido[1,2-a]quinolin-1-yl]carbonyl-L-D-seryl-L-lysylglycyl-L-N<sup>6</sup>-formyl-N<sup>6</sup>-hydroxy-L-ornithyl-L- $\alpha$ -glutamyl-  
 cyclic (11-8)-peptide, (S)—  
 see *Povoverdin IA (Pseudomonas fluorescens)* [141073-88-3]  
 —, N-(3-carboxy-1-oxopropyl)cysteinyl-D-phenylalanyl-D-alanyl-(4S)-4-methyl-norleucyl-D-allothreonyl-D-phenylalanyl-L-prolylcysteinyl-L-isoleucyl-2,3-didehydroalanyl-(4S)-4-methylnorleucyl-D-valyl-4-methoxy-N-sulfinylthreonyl-  
 (14-5)-lactone, cyclic (1-8)-sulfide  
 see *Vitileuamide* [191681-63-7]  
 —, L-glutamyl-L-seryl-L- $\alpha$ -glutamylglycyl-L-threonyl-L-phenylalanyl-L-seryl-L-asparaginyl-L-tyrosyl-L-tyrosyl-L-seryl-L-lysyl-L-tyrosyl-L-glutamyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-arginyl-L-methionyl-L-alanyl-L-arginyl-L- $\alpha$ -aspartyl-L-phenylalanyl-L-leucyl-L-histidyl-L-tryptophyl-L-leucyl-L-methionyl-L-asparaginyl-  
 See *Glucagon II (Oncorhynchus mykiss)* [162260-82-4]  
 —, L- $\alpha$ -glutamyl-L-cysteinyl-L-alanyl-L-threonyl-L-lysyl-L-asparaginyl-L-lysyl-L-arginyl-L-cysteinyl-L-alanyl-L- $\alpha$ -aspartyl-L-tryptophyl-L-alanyl-L-prolyl-L-tryptophyl-L-cysteinyl-L-cysteinyl-L- $\alpha$ -aspartylglycyl-L-leucyl-L-tyrosyl-L-cysteinyl-L-seryl-L-cysteinyl-L-arginyl-L-seryl-L-tyrosyl-L-prolylglycyl-L-cysteinyl-L-methionyl-L-cysteinyl-L-arginyl-L-prolyl-L-seryl-  
 See  $\mu$ -Agatatin II (reduced) [194673-93-3]  
 —, L- $\alpha$ -glutamyl-L-cysteinyl-L-arginyl-L-tyrosyl-L-leucyl-L-phenylalanyl-L-tyrosyl-L-cysteinyl-L-lysyl-L-threonyl-L-threonyl-L-alanyl-L- $\alpha$ -aspartyl-L-cysteinyl-L-cysteinyl-L-lysyl-L-histidyl-L-leucylglycyl-L-cysteinyl-L-lysyl-L-phenylalanyl-L-arginyl-L- $\alpha$ -aspartyl-L-lysyl-L-tyrosyl-L-cysteinyl-L-alanyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-phenylalanyl-L-threonyl-L-phenylalanyl-  
 See *Hanatoxin 2 (Phrixotrichus spatulatus reduced)* [170780-01-5]  
 —, L- $\alpha$ -glutamyl-L-cysteinyl-L-arginyl-L-tyrosyl-L-leucyl-L-phenylalanyl-L-tyrosyl-L-cysteinyl-L-lysyl-L-threonyl-L-threonyl-L-seryl-L- $\alpha$ -aspartyl-L-cysteinyl-L-cysteinyl-L-lysyl-L-histidyl-L-leucylglycyl-L-cysteinyl-L-lysyl-L-phenylalanyl-L-arginyl-L- $\alpha$ -aspartyl-L-lysyl-L-tyrosyl-L-cysteinyl-L-alanyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-phenylalanyl-L-threonyl-L-phenylalanyl-  
 See *Hanatoxin 1 (Phrixotrichus spatulatus reduced)* [170780-00-4]  
 —, L- $\alpha$ -glutamyl-L-isoleucyl-L- $\alpha$ -glutamyl-L-lysyl-L-arginyl-L-alanyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-leucyl-L-seryl-L-lysyl-L-glutamyl-L-isoleucyl-L- $\alpha$ -aspartyl-L-methionyl-L-lysyl-  
 See *Megabalanin A* [207385-09-9]  
 —, glycyl-L-isoleucylglycyl-L-lysyl-L-phenylalanyl-L-leucyl-L-histidyl-L-seryl-L-alanyl-L-lysyl-L-phenylalanyl-L-tyrosyl-L-lysyl-L-phenylalanyl-L-valylglycyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-methionyl-L-lysyl-  
 See *Magainin I* [108433-99-4]  
 —, glycyl-L-isoleucylglycyl-L-lysyl-L-phenylalanyl-L-leucyl-L-histidyl-L-seryl-L-alanyl-L-lysyl-L-lysyl-L-phenylalanyl-L-tyrosyl-L-alanyl-L-phenylalanyl-L-valylglycyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-methionyl-L-asparaginyl-  
 See *Magainin II* [108433-95-0]  
 —, glycyl-L-leucyl-L-methionyl-L-seryl-L-valyl-L-leucylglycyl-L-histidyl-L-alanyl-L-valylglycyl-L-asparaginyl-L-valyl-L-leucylglycyl-L-leucyl-L-phenylalanyl-L-lysyl-L-prolyl-L-lysyl-  
 See *Frenatin 3* [175616-25-8]  
 —, N-[N-[N-[N-[N-[N-[N-(N-glycyl-L-threonyl)-L-leucyl]-L-prolyl]-L-threonyl]-L-glycyl]-L-seryl]-L-valyl-  
 See *Sperm-activating peptide A (Heteroentrotus mammillatus egg jelly coat)* [125851-22-1]  
 —, glycyl-L-tryptophyl-L-threonyl-L-leucyl-L-asparaginyl-L-seryl-L-alanyl-L-tyrosyl-L-tyrosyl-L-lysyl-L-histidyl-L-leucyl-L-leucylglycyl-L-tyrosyl-L-leucyl-L-phenylalanyl-L-tyrosyl-L-lysyl-L-phenylalanyl-L-valylglycyl-L-seryl-L-seryl-L-methionyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L- $\alpha$ -aspartyl-L-seryl-L- $\alpha$ -glutamyl-L-prolyl-L-leucyl-  
 See *Galanin (human)* [136024-41-4]  
 —, L-histidyl-L-alanyl-L- $\alpha$ -aspartylglycyl-L-isoleucyl-L-phenylalanyl-L-asparaginyl-L-lysyl-L-alanyl-L-tyrosyl-L-arginyl-L-lysyl-L-valyl-L-leucylglycyl-L-glutamyl-L-leucyl-L-seryl-L-alanyl-L-histidyl-L-seryl-L-valyl-L-methionyl-L-alanyl-L-lysyl-L-arginyl-L-valylglycylglycyl-L-valyl-L-seryl-L-seryl-L-methionyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L- $\alpha$ -aspartyl-L-seryl-L- $\alpha$ -glutamyl-L-prolyl-L-leucyl-  
 See *Somatolibin (Aipenser transmontanus)*